

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- BLACK BORDERS**
- IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- FADED TEXT OR DRAWING**
- BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- SKEWED/SLANTED IMAGES**
- COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- GRAY SCALE DOCUMENTS**
- LINES OR MARKS ON ORIGINAL DOCUMENT**
- REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- OTHER: _____**

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.

L Number	Hits	Search Text	DB	Time stamp
1	810	(715/501.1).CCLS.	USPAT; US-PGPUB	2004/09/19 19:06
2	24	((715/501.1).CCLS.) and (barcode or "bar code")	USPAT; US-PGPUB	2004/09/19 19:08
3	4389	((709/218) or (709/223)).CCLS.	USPAT; US-PGPUB	2004/09/19 19:07
4	116	((709/218) or (709/223)).CCLS.) and (barcode or "bar code")	USPAT; US-PGPUB	2004/09/19 19:07
5	18	((709/218) or (709/223)).CCLS.) and ((barcode or "bar code") same (webpage or "web page" or website or "web site"))	USPAT; US-PGPUB	2004/09/19 19:08
6	3216	(705/26).CCLS.	USPAT; US-PGPUB	2004/09/19 19:08
7	522	((705/26).CCLS.) and (barcode or "bar code")	USPAT; US-PGPUB	2004/09/19 19:09
8	91	((705/26).CCLS.) and ((barcode or "bar code") same (webpage or "web page" or website or "web site"))	USPAT; US-PGPUB	2004/09/19 19:09
9	1595	(707/4).CCLS.	USPAT; US-PGPUB	2004/09/19 19:09
10	34	((707/4).CCLS.) and (barcode or "bar code")	USPAT; US-PGPUB	2004/09/19 19:09
11	807	(235/472.01).CCLS.	USPAT; US-PGPUB	2004/09/19 19:09
12	46	((235/472.01).CCLS.) and ((barcode or "bar code") same (webpage or "web page" or website or "web site"))	USPAT; US-PGPUB	2004/09/19 19:09
-	1	6481628.pn.	USPAT; US-PGPUB	2004/09/19 15:01
-	1	6276606.pn.	USPAT; US-PGPUB	2004/09/19 15:03
-	0	((load or loaded or loading) near2 (webpage or "web page" or website or "web site") with (barcode or "bar code")	USPAT; US-PGPUB	2004/09/19 15:05
-	417	(webpage or "web page" or website or "web site") with (barcode or "bar code")	USPAT; US-PGPUB	2004/09/19 15:39
-	14	((webpage or "web page" or website or "web site") with (barcode or "bar code")) and 715/\$.ccls.	USPAT; US-PGPUB	2004/09/19 15:06
-	0	6631404.URPN.	USPAT	2004/09/19 15:38
-	148	("3668312" "4002886" "4042792" "4365148" "4621259" "4654482" "4780599" "4785296" "4816904" "4817136" "4833308" "4841132" "4845634" "4894789" "4899370" "4901073" "4905094" "4907264" "4916293" "4937853" "4947028" "4959530" "4975948" "4984155" "5038023" "5054096" "5088045" "5111391" "5115326" "5128752" "5144654" "5161037" "5161214" "5182705" "5189630" "5191525" "5198644" "5235654" "5241402" "5243531" "5247347" "5262860" "5285278" "5287181" "5288976" "5296688" "5304786" "5305195" "5319454" "5324922" "5331547" "5340966" "5357276" "5362948" "5382779" "5386298" "5398336" "5405232" "5418713" "5420403" "5420943" "5424524" "5438355" "5446490" "5446919" "5491508" "5493107" "5519878" "5530852" "5570295" "5572643" "5592551" "5594226" "5602377" "5604542" "5640193" "5649186" "5664110" "5671282" "5675721" "5682540" "5694163" "5708780" "5710887" "5715314" "5724424" "5726898" "5745681" "5754906" "5757917" "5761606" "5764906" "5765176" "5768528" "5774664" "5774870" "5778367" "5790793" "5791991" "5794210" "5796952" "5804803" "5815776" "5832223" "5833468" "5848202" "5848413" "5854897" "5864823" "5869819" "5905248" "5905251" "5905665" "5905865" "5907793" "5913210" "5915090" "5918214" "5925865" "5929850" "5932863" "5933829" "5948061" "5957695" "5960411" "5961603" "5970471" "5970472" "5971277" "5974443" "5974451" "5976833" "5978773" "5991739" "5992752" "5995105" "6002394" "6003073" "6006257" "6009410" "6009465" "6012102" "6018764" "6049539" "6064979" "6108656" "6199048" "6442529).PN.	USPAT	2004/09/19 15:39

	73	((("3668312" "4002886" "4042792" "4365148" "4621259" "4654482" "4780599" "4785296" "4816904" "4817136" "4833308" "4841132" "4845634" "4894789" "4899370" "4901073" "4905094" "4907264" "4916293" "4937853" "4947028" "4959530" "4975948" "4984155" "5038023" "5054096" "5088045" "5111391" "5115326" "5128752" "5144654" "5161037" "5161214" "5182705" "5189630" "5191525" "5198644" "5235654" "5241402" "5243531" "5247347" "5262860" "5285278" "5287181" "5288976" "5296688" "5304786" "5305195" "5319454" "5324922" "5331547" "5340966" "5357276" "5362948" "5382779" "5386298" "5398336" "5405232" "5418713" "5420403" "5420943" "5424524" "5438355" "5446490" "5446919" "5491508" "5493107" "5519878" "5530852" "5570295" "5572643" "5592551" "5594226" "5602377" "5604542" "5640193" "5649186" "5664110" "5671282" "5675721" "5682540" "5694163" "5708780" "5710887" "5715314" "5724424" "5726898" "5745681" "5754906" "5757917" "5761606" "5764906" "5765176" "5768528" "5774664" "5774870" "5778367" "5790793" "5791991" "5794210" "5796952" "5804803" "5815776" "5832223" "5833468" "5848202" "5848413" "5854897" "5864823" "5869819" "5905248" "5905251" "5905665" "5905865" "5907793" "5913210" "5915090" "5918214" "5925865" "5929850" "5932863" "5933829" "5948061" "5957695" "5960411" "5961603" "5970471" "5970472" "5971277" "5974443" "5974451" "5976833" "5978773" "5991739" "5992752" "5995105" "6002394" "6003073" "6006257" "6009410" "6009465" "6012102" "6018764" "6049539" "6064979" "6108656" "6199048" "6442529").PN.) and (barcode or "bar code")	USPAT; US-PGPUB	2004/09/19 15:51
	18	((("3668312" "4002886" "4042792" "4365148" "4621259" "4654482" "4780599" "4785296" "4816904" "4817136" "4833308" "4841132" "4845634" "4894789" "4899370" "4901073" "4905094" "4907264" "4916293" "4937853" "4947028" "4959530" "4975948" "4984155" "5038023" "5054096" "5088045" "5111391" "5115326" "5128752" "5144654" "5161037" "5161214" "5182705" "5189630" "5191525" "5198644" "5235654" "5241402" "5243531" "5247347" "5262860" "5285278" "5287181" "5288976" "5296688" "5304786" "5305195" "5319454" "5324922" "5331547" "5340966" "5357276" "5362948" "5382779" "5386298" "5398336" "5405232" "5418713" "5420403" "5420943" "5424524" "5438355" "5446490" "5446919" "5491508" "5493107" "5519878" "5530852" "5570295" "5572643" "5592551" "5594226" "5602377" "5604542" "5640193" "5649186" "5664110" "5671282" "5675721" "5682540" "5694163" "5708780" "5710887" "5715314" "5724424" "5726898" "5745681" "5754906" "5757917" "5761606" "5764906" "5765176" "5768528" "5774664" "5774870" "5778367" "5790793" "5791991" "5794210" "5796952" "5804803" "5815776" "5832223" "5833468" "5848202" "5848413" "5854897" "5864823" "5869819" "5905248" "5905251" "5905665" "5905865" "5907793" "5913210" "5915090" "5918214" "5925865" "5929850" "5932863" "5933829" "5948061" "5957695" "5960411" "5961603" "5970471" "5970472" "5971277" "5974443" "5974451" "5976833" "5978773" "5991739" "5992752" "5995105" "6002394" "6003073" "6006257" "6009410" "6009465" "6012102" "6018764" "6049539" "6064979" "6108656" "6199048" "6442529").PN.) and (barcode or "bar code")) and (webpage or "web page" or website or "web site")	USPAT; US-PGPUB	2004/09/19 15:51
	41	6199048.URPN.	USPAT	2004/09/19 15:50
	38	6199048.URPN. and (barcode or "bar code")	USPAT;	2004/09/19 15:51
	32	(6199048.URPN. and (barcode or "bar code")) and (webpage or "web page" or website or "web site")	USPAT; US-PGPUB	2004/09/19 15:51

	32	((6199048.URPN. and (barcode or "bar code")) and (webpage or "web page" or website or "web site")) not (((("3668312" "4002886" "4042792" "4365148" "4621259" "4654482" "4780599" "4785296" "4816904" "4817136" "4833308" "4841132" "4845634" "4894789" "4899370" "4901073" "4905094" "4907264" "4916293" "4937853" "4947028" "4959530" "4975948" "4984155" "5038023" "5054096" "5088045" "5111391" "5115326" "5128752" "5144654" "5161037" "5161214" "5182705" "5189630" "5191525" "5198644" "5235654" "5241402" "5243531" "5247347" "5262860" "5285278" "5287181" "5288976" "5296688" "5304786" "5305195" "5319454" "5324922" "5331547" "5340966" "5357276" "5362948" "5382779" "5386298" "5398336" "5405232" "5418713" "5420403" "5420943" "5424524" "5438355" "5446490" "5446919" "5491508" "5493107" "5519878" "5530852" "5570295" "5572643" "5592551" "5594226" "5602377" "5604542" "5640193" "5649186" "5664110" "5671282" "5675721" "5682540" "5694163" "5708780" "5710887" "5715314" "5724424" "5726898" "5745681" "5754906" "5757917" "5761606" "5764906" "5765176" "5768528" "5774664" "5774870" "5778367" "5790793" "5791991" "5794210" "5796952" "5804803" "5815776" "5832223" "5833468" "5848202" "5848413" "5854897" "5864823" "5869819" "5905248" "5905251" "5905665" "5905865" "5907793" "5913210" "5915090" "5918214" "5925865" "5929850" "5932863" "5933829" "5948061" "5957695" "5960411" "5961603" "5970471" "5970472" "5971277" "5974443" "5974451" "5976833" "5978773" "5991739" "5992752" "5995105" "6002394" "6003073" "6006257" "6009410" "6009465" "6012102" "6018764" "6049539" "6064979" "6108656" "6199048" "6442529").PN.) and (barcode or "bar code")) and (webpage or "web page" or website or "web site"))	USPAT: US-PGPUB	2004/09/19 15:55
--	----	---	--------------------	------------------

	46	<p>(((("webpage or "web page" or website or "web site") with (barcode or "bar code")) and 715/\$.ccls.) (((("3668312" "4002886" "4042792" "4365148" "4621259" "4654482" "4780599" "4785296" "4816904" "4817136" "4833308" "4841132" "4845634" "4894789" "4899370" "4901073" "4905094" "4907264" "4916293" "4937853" "4947028" "4959530" "4975948" "4984155" "5038023" "5054096" "5088045" "5111391" "5115326" "5128752" "5144654" "5161037" "5161214" "5182705" "5189630" "5191525" "5198644" "5235654" "5241402" "5243531" "5247347" "5262860" "5285278" "5287181" "5288976" "5296688" "5304786" "5305195" "5319454" "5324922" "5331547" "5340966" "5357276" "5362948" "5382779" "5386298" "5398336" "5405232" "5418713" "5420403" "5420943" "5424524" "5438355" "5446490" "5446919" "5491508" "5493107" "5519878" "5530852" "5570295" "5572643" "5592551" "5594226" "5602377" "5604542" "5640193" "5649186" "5664110" "5671282" "5675721" "5682540" "5694163" "5708780" "5710887" "5715314" "5724424" "5726898" "5745681" "5754906" "5757917" "5761606" "5764906" "5765176" "5768528" "5774664" "5774870" "5778367" "5790793" "5791991" "5794210" "5796952" "5804803" "5815776" "5832223" "5833468" "5848202" "5848413" "5854897" "5864823" "5869819" "5905248" "5905251" "5905665" "5905865" "5907793" "5913210" "5915090" "5918214" "5925865" "5929850" "5932863" "5933829" "5948061" "5957695" "5960411" "5961603" "5970471" "5970472" "5971277" "5974443" "5974451" "5976833" "5978773" "5991739" "5992752" "5995105" "6002394" "6003073" "6006257" "6009410" "6009465" "6012102" "6018764" "6049539" "6064979" "6108656" "6199048" "6442529").PN.) and (barcode or "bar code")) and (webpage or "web page" or website or "web site")))) and ((store or stored or storing or save or saved or saving) near4 (barcode or "bar code" or url or webpage or "web page" or website or "web site")))</p>	USPAT; US-PGPUB	2004/09/19 16:01
--	----	--	-----------------	------------------

	43	<p>(((("webpage or "web page" or website or "web site") with (barcode or "bar code")) and 715/\$.ccls.) (((("3668312" "4002886" "4042792" "4365148" "4621259" "4654482" "4780599" "4785296" "4816904" "4817136" "4833308" "4841132" "4845634" "4894789" "4899370" "4901073" "4905094" "4907264" "4916293" "4937853" "4947028" "4959530" "4975948" "4984155" "5038023" "5054096" "5088045" "5111391" "5115326" "5128752" "5144654" "5161037" "5161214" "5182705" "5189630" "5191525" "5198644" "5235654" "5241402" "5243531" "5247347" "5262860" "5285278" "5287181" "5288976" "5296688" "5304786" "5305195" "5319454" "5324922" "5331547" "5340966" "5357276" "5362948" "5382779" "5386298" "5398336" "5405232" "5418713" "5420403" "5420943" "5424524" "5438355" "5446490" "5446919" "5491508" "5493107" "5519878" "5530852" "5570295" "5572643" "5592551" "5594226" "5602377" "5604542" "5640193" "5649186" "5664110" "5671282" "5675721" "5682540" "5694163" "5708780" "5710887" "5715314" "5724424" "5726898" "5745681" "5754906" "5757917" "5761606" "5764906" "5765176" "5768528" "5774664" "5774870" "5778367" "5790793" "5791991" "5794210" "5796952" "5804803" "5815776" "5832223" "5833468" "5848202" "5848413" "5854897" "5864823" "5869819" "5905248" "5905251" "5905665" "5905865" "5907793" "5913210" "5915090" "5918214" "5925865" "5929850" "5932863" "5933829" "5948061" "5957695" "5960411" "5961603" "5970471" "5970472" "5971277" "5974443" "5974451" "5976833" "5978773" "5991739" "5992752" "5995105" "6002394" "6003073" "6006257" "6009410" "6009465" "6012102" "6018764" "6049539" "6064979" "6108656" "6199048" "6442529").PN.) and (barcode or "bar code")) and (webpage or "web page" or website or "web site")))) and ((store or stored or storing or save or saved or saving) near4 (barcode or "bar code" or url)) </p>	USPAT; US-PGPUB	2004/09/19 15:58
--	----	--	--------------------	------------------

	23	<p>((((webpage or "web page" or website or "web site") with (barcode or "bar code")) and 715/\$.ccls.) (((("3668312" "4002886" "4042792" "4365148" "4621259" "4654482" "4780599" "4785296" "4816904" "4817136" "4833308" "4841132" "4845634" "4894789" "4899370" "4901073" "4905094" "4907264" "4916293" "4937853" "4947028" "4959530" "4975948" "4984155" "5038023" "5054096" "5088045" "5111391" "5115326" "5128752" "5144654" "5161037" "5161214" "5182705" "5189630" "5191525" "5198644" "5235654" "5241402" "5243531" "5247347" "5262860" "5285278" "5287181" "5288976" "5296688" "5304786" "5305195" "5319454" "5324922" "5331547" "5340966" "5357276" "5362948" "5382779" "5386298" "5398336" "5405232" "5418713" "5420403" "5420943" "5424524" "5438355" "5446490" "5446919" "5491508" "5493107" "5519878" "5530852" "5570295" "5572643" "5592551" "5594226" "5602377" "5604542" "5640193" "5649186" "5664110" "5671282" "5675721" "5682540" "5694163" "5708780" "5710887" "5715314" "5724424" "5726898" "5745681" "5754906" "5757917" "5761606" "5764906" "5765176" "5768528" "5774664" "5774870" "5778367" "5790793" "5791991" "5794210" "5796952" "5804803" "5815776" "5832223" "5833468" "5848202" "5848413" "5854897" "5864823" "5869819" "5905248" "5905251" "5905665" "5905865" "5907793" "5913210" "5915090" "5918214" "5925865" "5929850" "5932863" "5933829" "5948061" "5957695" "5960411" "5961603" "5970471" "5970472" "5971277" "5974443" "5974451" "5976833" "5978773" "5991739" "5992752" "5995105" "6002394" "6003073" "6006257" "6009410" "6009465" "6012102" "6018764" "6049539" "6064979" "6108656" "6199048" "6442529").PN.) and (barcode or "bar code")) and (webpage or "web page" or website or "web site")))) and ((store or stored or storing or save or saved or saving) near4 (barcode or "bar code"))) </p>	USPAT; US-PGPUB	2004/09/19 16:00
--	----	---	--------------------	------------------

	36	((((webpage or "web page" or website or "web site") with (barcode or "bar code")) and 715/\$.ccls.) (((("3668312" "4002886" "4042792" "4365148" "4621259" "4654482" "4780599" "4785296" "4816904" "4817136" "4833308" "4841132" "4845634" "4894789" "4899370" "4901073" "4905094" "4907264" "4916293" "4937853" "4947028" "4959530" "4975948" "4984155" "5038023" "5054096" "5088045" "5111391" "5115326" "5128752" "5144654" "5161037" "5161214" "5182705" "5189630" "5191525" "5198644" "5235654" "5241402" "5243531" "5247347" "5262860" "5285278" "5287181" "5288976" "5296688" "5304786" "5305195" "5319454" "5324922" "5331547" "5340966" "5357276" "5362948" "5382779" "5386298" "5398336" "5405232" "5418713" "5420403" "5420943" "5424524" "5438355" "5446490" "5446919" "5491508" "5493107" "5519878" "5530852" "5570295" "5572643" "5592551" "5594226" "5602377" "5604542" "5640193" "5649186" "5664110" "5671282" "5675721" "5682540" "5694163" "5708780" "5710887" "5715314" "5724424" "5726898" "5745681" "5754906" "5757917" "5761606" "5764906" "5765176" "5768528" "5774664" "5774870" "5778367" "5790793" "5791991" "5794210" "5796952" "5804803" "5815776" "5832223" "5833468" "5848202" "5848413" "5854897" "5864823" "5869819" "5905248" "5905251" "5905665" "5905865" "5907793" "5913210" "5915090" "5918214" "5925865" "5929850" "5932863" "5933829" "5948061" "5957695" "5960411" "5961603" "5970471" "5970472" "5971277" "5974443" "5974451" "5976833" "5978773" "5991739" "5992752" "5995105" "6002394" "6003073" "6006257" "6009410" "6009465" "6012102" "6018764" "6049539" "6064979" "6108656" "6199048" "6442529").PN.) and (barcode or "bar code")) and (webpage or "web page" or website or "web site")))) and ((store or stored or storing or save or saved or saving) near4 url)	USPAT; US-PGPUB	2004/09/19 16:01
--	----	--	--------------------	------------------

	8	((((webpage or "web page" or website or "web site") with (barcode or "bar code")) and 715/\$.ccls.) (((("3668312" "4002886" "4042792" "4365148" "4621259" "4654482" "4780599" "4785296" "4816904" "4817136" "4833308" "4841132" "4845634" "4894789" "4899370" "4901073" "4905094" "4907264" "4916293" "4937853" "4947028" "4959530" "4975948" "4984155" "5038023" "5054096" "5088045" "5111391" "5115326" "5128752" "5144654" "5161037" "5161214" "5182705" "5189630" "5191525" "5198644" "5235654" "5241402" "5243531" "5247347" "5262860" "5285278" "5287181" "5288976" "5296688" "5304786" "5305195" "5319454" "5324922" "5331547" "5340966" "5357276" "5362948" "5382779" "5386298" "5398336" "5405232" "5418713" "5420403" "5420943" "5424524" "5438355" "5446490" "5446919" "5491508" "5493107" "5519878" "5530852" "5570295" "5572643" "5592551" "5594226" "5602377" "5604542" "5640193" "5649186" "5664110" "5671282" "5675721" "5682540" "5694163" "5708780" "5710887" "5715314" "5724424" "5726898" "5745681" "5754906" "5757917" "5761606" "5764906" "5765176" "5768528" "5774664" "5774870" "5778367" "5790793" "5791991" "5794210" "5796952" "5804803" "5815776" "5832223" "5833468" "5848202" "5848413" "5854897" "5864823" "5869819" "5905248" "5905251" "5905665" "5905865" "5907793" "5913210" "5915090" "5918214" "5925865" "5929850" "5932863" "5933829" "5948061" "5957695" "5960411" "5961603" "5970471" "5970472" "5971277" "5974443" "5974451" "5976833" "5978773" "5991739" "5992752" "5995105" "6002394" "6003073" "6006257" "6009410" "6009465" "6012102" "6018764" "6049539" "6064979" "6108656" "6199048" "6442529").PN.) and (barcode or "bar code")) and (webpage or "web page" or website or "web site")))) and ((store or stored or storing or save or saved or saving) near4 (url near2 (webpage or "web page" or website or "web site")))))	USPAT; US-PGPUB	2004/09/19 16:09
--	---	---	-----------------	------------------

	1	5992752.pn. and ((store or stored or storing or save or saved or saving) near4 (url near2 (webpage or "web page" or website or "web site")))) 1 ("20020143805" "20010032252" "20010011281" "6631404" "6199048" "6012102" "5992752").pn. and "smart card"	USPAT; US-PGPUB USPAT; US-PGPUB	2004/09/19 16:09 2004/09/19 17:58
--	---	---	--	--